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(54) Title: PROCESS FOR THE PREPARATION OF A METALLOORGANIC COMPOUND COMPRISING AT LEAST ONE IMINE LIGAND

(57) Abstract: The invention relates to a process for the preparation of a metalorganic compound, comprising at least one imine ligand, characterized in that an imine ligand according to formula 1, or the HA adduct thereof, wherein HA represents an acid, of which H represents its proton and A its conjugate base, is contacted with a metal-organic reagent of formula 2 in the presence of at least 1, respectively 2 equivalents of an inorganic or metal-organic base, wherein Y=N-R (formula 1), Y is selected from a substituted carbon, nitrogen or phosphorous atom, R represents a proton, a protic or an aprotic substituent, and the metal organic compound is: M^v(L₁)_k(L₂)_l(L₃)_m(L₄)_nX (formula 2) wherein: M represents a group 4 or group 5 metal ion, V represents the valency of the metal ion, being 3, 4 or 5, L₁, L₂, L₃, and L₄ represent ligands on M and may be equal or different, X represents a group 17 halogen atom, and k, l, m, n = 0, 1, 2, 3, 4 with k+l+m+n+l = V. The invention further relates to a process for the preparation of a polyolefin by making a metal-organic compound according to the process of the invention, wherein the base is an olefin polymerisation compatible base, which metal-organic compound is activated anywhere in, or before a polymerisation reactor.